

SNOHOMISH RIVER BASIN

1

12137300 SPADA LAKE NEAR STARTUP, WA

LOCATION.--Lat 47°58'28", long 121°41'10", in NW $\frac{1}{4}$ sec.29, T.29 N., R.9 E., Snohomish County, Hydrologic Unit 17110009, on right bank at Culmbach Dam on Sultan River, 1.7 mi downstream from South Fork, 7.8 mi north of Startup, and at mile 16.5.

DRAINAGE AREA.--68.3 mi².

PERIOD OF RECORD.--April 1965 to current year.

REVISED RECORDS.--WDR WA-79-1: 1975-76(M). WA-95-1: 1994.

GAGE.--Nonrecording gage. Datum of gage is sea level (levels by Snohomish County P.U.D. No. 1).

REMARKS.--Reservoir is formed by earthfill dam originally completed to elevation 1,408 ft in 1965. Storage began April 5, 1965 for water supply for the City of Everett. During 1983 the dam was raised to elevation 1,470 ft with storage beginning November 1983. Capacity was increased to 153,260 acre-feet at elevation 1,450 ft, crest of spillway. Normal operating pool is between elevations 1,420 ft and 1,450 ft. Figures given herein represent total contents. Spada Lake is used to provide water for the City of Everett, and since June 1, 1984, power generation for Snohomish County Public Utility District No. 1.

COOPERATION.--Elevation at 1200 and 2400 hours and capacity table furnished by Snohomish County Public Utility District No. 1.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 164,599 acre-ft Nov. 23, 1990, elevation, 1,455.8 ft; minimum contents observed since reservoir was first filled, 4,250 acre-ft Sept. 30, 1967, elevation, 1,301.28 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents observed, 148,520 acre-ft May 16, elevation, 1,447.4 ft; minimum contents observed, 83,653 acre-ft Dec. 22, elevation, 1,406.9 ft.

MONTHEND ELEVATION AND CONTENTS AT 2400, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

Date	Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)
Sept. 30.....	1,425.2	110,436	-4,579
Oct. 31.....	1,419.1	100,924	-9,512
Nov. 30.....	1,409.2	86,703	-14,221
Dec. 31.....	1,410.4	88,343	+1,640
CAL YR 2000.....			-42,264
Jan. 31.....	1,414.5	94,272	+5,929
Feb. 28.....	1,411.2	89,500	-4,772
Mar. 31.....	1,426.2	112,015	+22,515
Apr. 30.....	1,442.8	140,134	+28,119
May 31.....	1,444.4	143,051	+2,917
June 30.....	1,447.0	147,791	+4,740
July 31.....	1,441.9	138,494	-9,297
Aug. 31.....	1,435.4	127,204	-11,290
Sept. 30.....	1,418.0	99,333	-27,871
WTR YR 2001.....	--	--	-11,103